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ADDENDUM #4

September 25, 2015
Request For Proposals
RFP #2015-06

Distributed Photovoltaic (PV) Solar Generating Facilities

RFP #2015-06 is amended to add the following to Section IV (Technical Requirements):

14. Computer Simulation Model and Production Reports

The successful bidder shall develop a computerized simulation model for each system being constructed. The simulation model must be detailed in its analysis and shall be particular to each project under review. At a minimum, the model shall be capable of making performance predictions and energy cost estimates for grid-connected power projects based on installation and operating costs and system design parameters. The model shall forecast PV Solar system performance production levels and costs for at least a 12 month period.

At a minimum, the model should predict:

- The total energy production [MWh/y]
- The Cost of Electricity Generated by System

Other desirable, but not mandatory, attributes of the system would include:

- The Performance Ratio (PR [%]) or similar measure of system efficiency
- The specific energy [kWh/kWp] is an indicator of production based on the available irradiation (location and orientation)
- Menu style user interface and input screens,
- Graphic and tabular simulation and reporting functions,
- Analysis of buying and selling electricity at tariff rates,
- The dynamic performance of grid-tied PV systems at any operating conditions

Acceptable software;

1. National Renewable Energy Laboratory (NREL) - System Advisor Model (SAM); No cost
2. National Renewable Energy Laboratory (NREL) - PVWatts; No cost
3. PVsyst (PVsyst) - Photovoltaic Software– Available for purchase

Upon award of a project, or at a time as early as possible, the successful bidder shall provide DOCCS with a copy of the computerized simulation model software data file for each individual PV System awarded. At any point that the simulation model data or parameters are changed, a revised simulation model data file will be provided to DOCCS.

On the first day of commercial operation, and on the first day of each subsequent year, the developer shall provide DOCCS with production and cost projections for the following 12 month period.